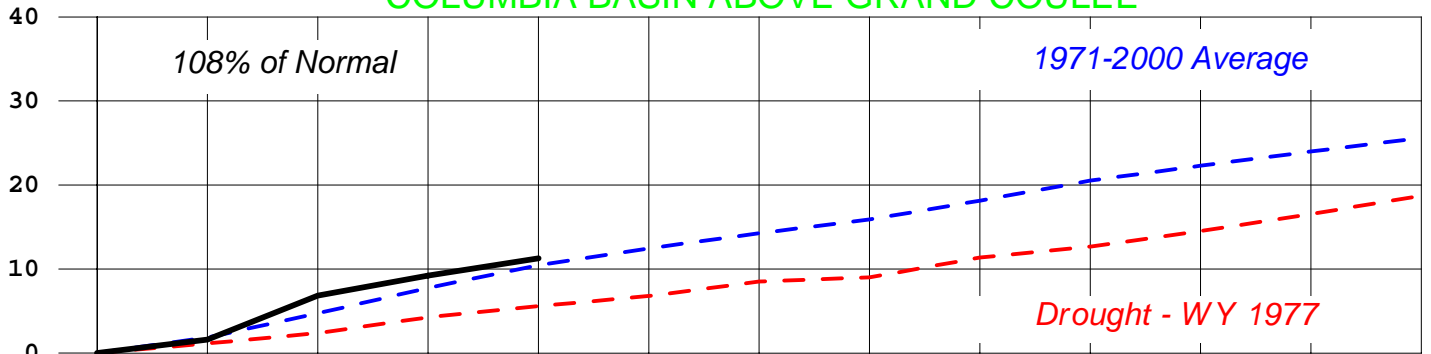
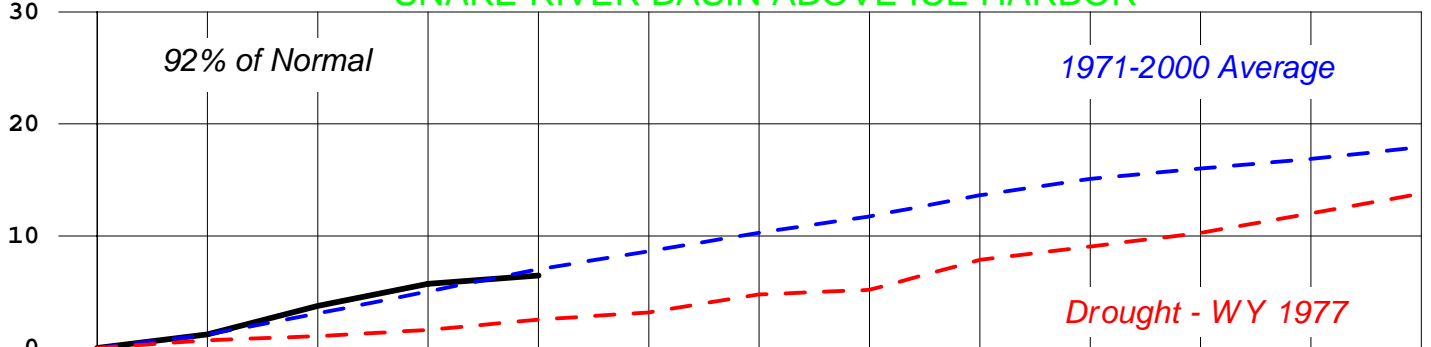


CUMULATIVE PRECIPITATION
WATER YEAR 2007

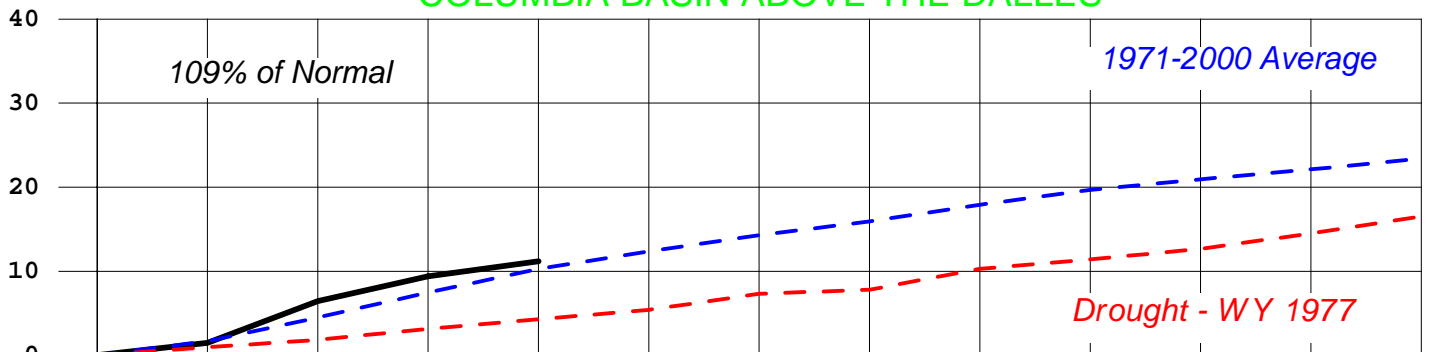
COLUMBIA BASIN ABOVE GRAND COULEE



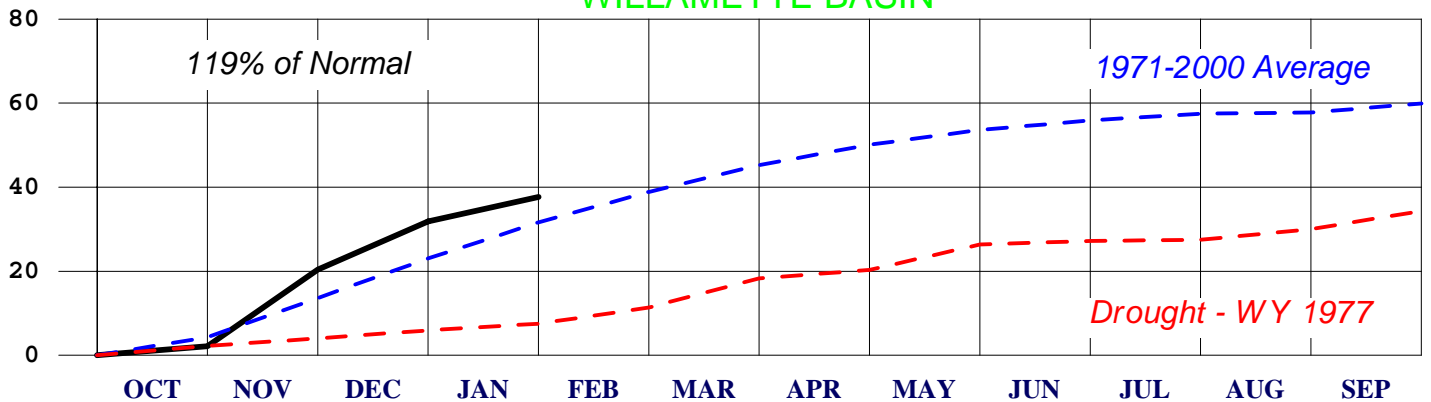
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

DIVISION	..JAN TO DAY 31..		OCT - JAN....			
	OBSD	DEP	PCT AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	2.07	-0.64	76.	11.28	0.82	108.	
SNAKE RV AB ICE HARBOR	0.73	-1.25	37.	6.47	-0.56	92.	
COLUMBIA AB THE DALLES	1.78	-1.01	64.	11.18	0.92	109.	
COLUMBIA AB CASTLEGAR	3.34	-0.67	83.	15.47	0.34	102.	
KOOTENAI	2.12	-0.65	77.	11.93	1.06	110.	
CLARK FORK	1.05	-0.73	59.	7.34	0.86	113.	
FLATHEAD	1.25	-1.00	56.	9.29	0.50	106.	
PEND OREILLE/ SPOKANE	2.45	-1.43	63.	13.73	-0.65	96.	
NORTHEAST WASHINGTON	0.47	-1.39	25.	7.36	-0.25	97.	
OKANOGAN	1.07	-0.66	62.	8.43	1.94	130.	
EAST SLOPES WASH CASC.	5.09	-1.60	76.	29.59	6.36	127.	
CENTRAL WASHINGTON	0.35	-0.71	33.	4.46	0.24	106.	
UPPER SNAKE	1.19	-1.06	53.	7.82	-0.03	100.	
SNAKE RIVER PLAIN	0.35	-0.79	30.	3.66	-0.44	89.	
OWYHEE/ MALHEUR	0.27	-0.98	21.	3.10	-1.32	70.	
SALMON/ BOISE/ PAYETTE	0.66	-1.83	26.	8.10	-0.67	92.	
BURNT/ GRANDE RONDE	0.58	-1.27	32.	5.55	-1.27	81.	
CLEARWATER	2.38	-1.23	66.	14.43	1.49	112.	
SOUTHEAST WASHINGTON	1.37	-0.87	61.	8.63	0.01	100.	
UPPER JOHN DAY	0.58	-1.03	36.	6.19	0.11	102.	
UMATILLA/ LWR JOHN DAY	1.32	-0.60	69.	8.70	1.54	121.	
UPR DESCHUTES/ CROOKED	0.95	-1.15	45.	7.37	0.31	104.	
HOOD/ LOWER DESCHUTES	3.24	-1.08	75.	20.62	5.22	134.	
NW SLOPE WASH CASCADES	11.11	-1.55	88.	54.37	7.35	116.	
SW WA CASCADES/COWLITZ	7.60	-2.72	74.	42.26	4.28	111.	
WILLAMETTE VALLEY	5.83	-2.75	68.	37.69	6.06	119.	
ROGUE/ UMPQUA	3.08	-2.03	60.	23.20	4.03	121.	
KLAMATH BASIN	0.72	-2.10	26.	8.98	-0.49	95.	
LAKE COUNTY-GOOSE LAKE	0.46	-0.96	32.	3.98	-1.16	77.	
HARNEY/ MALHEUR BASIN	0.20	-0.99	17.	3.49	-0.98	78.	

Columbia River Basin division values are computed by utilizing un-weighted precipitation amounts from key stations in each area.

Precipitation normals are based on 1971-2000 historical data.

Please contact NWRFC for further information: (503) 326-7291.

DURING JANUARY 2007 THE PACIFIC NORTHWEST UNDERWENT A SHARP TRANSITION FROM THE MILD AND MOIST PATTERN THAT PREVAILED THROUGHOUT MUCH OF LATE AUTUMN TO A COLDER, DRIER WEATHER REGIME.

THE MONTH STARTED OFF WARMER THAN NORMAL FOR MUCH OF THE REGION, AS MILD PACIFIC AIR PREVAILED DURING THE FIRST WEEK OF JANUARY. MEANWHILE, A FRIGID ARCTIC AIRMASS BEGAN GATHERING OVER ALASKA. THIS AIRMASS PRESSED SOUTHWARD BEHIND AN ARCTIC COLD FRONT JANUARY 9-11, CAUSING TEMPERATURES TO PLUMMET TO 10 TO 15 DEGREES BELOW NORMAL THROUGHOUT THE PACIFIC NORTHWEST. ACCUMULATING SNOWS FELL TO SEA LEVEL ALONG THE OREGON AND WASHINGTON COAST AS A SERIES OF WEAK WEATHER DISTURBANCES PUSHED PACIFIC MOISTURE OVER THE COLD AIR THAT WAS IN PLACE.

COLD HIGH PRESSURE REMAINED ENTRENCHED ACROSS THE GREAT BASIN FOR THE REMAINDER OF THE MONTH, SUPPORTING DRY OFFSHORE FLOW FOR THE WESTSIDE BASINS. WITH ABUNDANT SUNSHINE, WESTSIDE TEMPERATURES SLOWLY RETURNED TO NORMAL WHILE INTERIOR BASINS REMAINED COLDER THAN NORMAL FOR THE MAJORITY OF LATE JANUARY.

Precipitation Summary

THE MOIST PATTERN THAT WAS IN PLACE DURING LATE DECEMBER 2006 CONTINUED FOR THE FIRST FEW DAYS OF JANUARY 2007. A POWERFUL STORM SYSTEM BROUGHT WIDESPREAD MODERATE TO HEAVY RAIN TO ALL OF OREGON, WASHINGTON AND THE IDAHO PANHANDLE JANUARY 2-4.

THE ARCTIC AIRMASS WHICH CAUSED TEMPERATURES TO PLUMMET FOR THE MID MONTH PERIOD ALSO RESULTED IN A TRANSITION TO A MUCH DRIER WEATHER REGIME FOR THE PACIFIC NORTHWEST. SHOWERY WEATHER CONTINUED ACROSS THE WESTSIDE DURING THIS PERIOD, BUT RAINFALL TOTALS GENERALLY FELL BELOW AVERAGE BY THE 20TH. DRY OFFSHORE FLOW PREVAILED ACROSS WESTSIDE BASINS AS AN UPPER LEVEL RIDGE OF HIGH PRESSURE SETTLED INTO THE WESTERN UNITED STATES AND CANADA DURING THE LATE MONTH PERIOD. INTERIOR BASINS ALSO REMAINED DRY AS THIS RIDGE DEFLECTED ANY SIGNIFICANT LOW PRESSURE SYSTEMS NORTH AND EAST OF THE CONTINENTAL DIVIDE.

NEARLY ALL OF THE NWRFC AREA RECEIVED LESS THAN THE AVERAGE PRECIPITATION FOR THE MONTH OF JANUARY. MANY INTERIOR BASINS RECORDED

LESS THAN 50 PERCENT OF NORMAL PRECIPITATION FOR THE MONTH. THE ONLY PORTIONS OF THE PACIFIC NORTHWEST THAT RECEIVED ABOVE AVERAGE PRECIPITATION WERE NORTHWEST WASHINGTON AND THE NORTHERN COLUMBIA HEADWATERS REGION OF BRITISH COLUMBIA.

January precipitation was: 76 percent of normal (1971-2000) at Columbia above Coulee, 37 percent of normal at the Snake River above Ice Harbor, and 64 percent of normal at Columbia above the Dalles.

Seasonal (October through January) precipitation was: 108 percent of normal (1971-2000) at Columbia above Coulee, 92 percent of normal at the Snake River above Ice Harbor, and 109 percent of normal at Columbia above the Dalles.

.END

LISTED BELOW IS AN UNOFFICIAL SUMMARY OF NEW PRECIPITATION RECORDS REPORTED BY NWS FORECAST OFFICES DURING THE MONTH OF JANUARY 2007. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

ON JANUARY 2, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATAC AIRPORT, WA	1.77 INCHES	1.51 INCHES IN 1997
SEATTLE NWS WFO, WA	0.89 INCHES	0.85 INCHES IN 2003

ON JANUARY 3, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
SAINT MARIES, ID	1.18 INCHES	0.45 INCHES IN 1933
SEATAC AIRPORT, WA	1.01 INCHES (T)	1.01 INCHES IN 1978
LACROSSE, WA	0.95 INCHES	0.48 INCHES IN 1966
MULLAN PASS, ID	0.93 INCHES	0.76 INCHES IN 1956
MEDFORD, OR	0.93 INCHES	0.53 INCHES IN 1966
KLAMATH FALLS, OR	0.55 INCHES	0.37 INCHES IN 1954
STANLEY, ID	0.45 INCHES	0.35 INCHES IN 1998

CHALLIS, ID	0.13 INCHES	0.10 INCHES IN 1977
-------------	-------------	---------------------

ON JANUARY 4, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
BURLEY, ID	0.17 INCHES	0.14 INCHES IN 1974

ON JANUARY 5, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
QUILLAYUTE AIRPORT, WA	2.60 INCHES	1.40 INCHES IN 1990
SEATAC AIRPORT, WA	1.33 INCHES	1.27 INCHES IN 1954
SEATTLE NWS WFO, WA	1.16 INCHES	0.75 INCHES IN 1998

ON JANUARY 6, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
MAZAMA, WA	1.58 INCHES	0.62 INCHES IN 1998

ON JANUARY 7, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
SANDPOINT, ID	0.97 INCHES	0.81 INCHES IN 2002

TEMPERATURE SUMMARY

The 31 station temperature index for the Pacific Northwest departed -1.3 degrees from normal relative to the 1971-2000 normals. Mean temperature departures ranged from -10.5 to 5.8 degrees.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE RECORDS BROKEN DURING THE MONTH OF JANUARY 2007:

NOTE: THE FOLLOWING IS AN UNOFFICIAL SUMMARY BASED ON RECORD EVENT REPORTS ISSUED BY LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICES. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE

OR THE NATIONAL CLIMATIC DATA CENTER.

RECORD HIGH TEMPERATURES (DEGREES F) TIED OR BROKEN IN JANUARY WERE:

ON JANUARY 2, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PRIEST RAPIDS DAM, WA	60	55 SET IN 1963
SEATAC AIRPORT, WA	56 (T)	56 SET IN 2003
MISSOULA, MT	50	47 SET IN 1963

ON JANUARY 3, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
WINNEMUCCA, NV	57 (T)	57 SET IN 2003
KELLOGG, ID	50	49 SET IN 1996
BURLEY, ID	48 (T)	48 SET IN 1994
STANLEY, ID	44	41 SET IN 1996

ON JANUARY 6, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
CHIEF JOSEPH DAM, WA	55	53 SET IN 1990
WENATCHEE, WA	46 (T)	46 SET IN 1990

ON JANUARY 9, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PENDLETON, OR	60	58 SET IN 1990
MADRAS, OR	59	54 SET IN 1990
WHITMAN MISSION, WA	59 (T)	59 SET IN 2002
MORO, OR	57	56 SET IN 1953
MITCHELL, OR	56	55 SET IN 1986
SANDPOINT, ID	50	48 SET IN 1990
WENATCHEE, WA	48 (T)	48 SET IN 1998

ON JANUARY 20, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	49 (T)	49 SET IN 2005

ON JANUARY 23, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
OLYMPIA, WA	56 (T)	56 SET IN 2005

ON JANUARY 25, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
----------	------------	-----------------

MEACHAM, OR	48	47 SET IN 2003
-------------	----	----------------

ON JANUARY 27, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	55	54 SET IN 1988
QUILLAYUTE, WA	55	54 SET IN 1988

RECORD LOW TEMPERATURES (DEGREES F) TIED OR BROKEN IN JANUARY WERE:

ON JANUARY 12, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	-35	-26 SET IN 1964
MEACHAM, OR	-20	-16 SET IN 1963
QUILLAYUTE, WA	17	20 SET IN 1993
ROSEBURG, OR	19	24 SET IN 1971
SEATTLE NWS WFO, WA	20	25 SET IN 1993

ON JANUARY 13, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	-34	-32 SET IN 1964
MEACHAM, OR	-17	-3 SET IN 1950
BOUNDARY DAM, WA	-12	-10 SET IN 1998
WINCHESTER, WA	-12	-5 SET IN 1949
CONDON, OR	-3	-2 SET IN 1949
REDMOND, OR	-1	0 SET IN 1963
SEATTLE NWS WFO, WA	25	27 SET IN 1997

ON JANUARY 14, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SATUS PASS, WA	1	5 SET IN 1997
REDMOND, OR	2	3 SET IN 1993
SEATTLE NWS WFO, WA	22	23 SET IN 1997

ON JANUARY 15, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	-25	-21 SET IN 1987
MEACHAM, OR	-13	0 SET IN 1950
MONUMENT, OR	3	4 SET IN 1987
MITCHELL, OR	3 (T)	3 SET IN 1993
JOHN DAY, OR	5	7 SET IN 1987

WHITMAN MISSION, WA	6 (T)	6 SET IN 1993
PELTON DAM, OR	8 (T)	8 SET IN 1997
PRIEST RAPIDS DAM, WA	12 (T)	12 SET IN 1979
OLYMPIA, WA	15	16 SET IN 1997
SEATTLE NWS WFO, WA	26 (T)	26 SET IN 1997

ON JANUARY 16, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	-7	-6 SET IN 2005
WHITMAN MISSION, WA	6 (T)	6 SET IN 1993

ON JANUARY 17, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MAZAMA, WA	-11	-7 SET IN 1997
WENATCHEE, WA	7 (T)	7 SET IN 1984

US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Northwest River Forecast Center (NWRFC)
5241 NE 122nd Avenue
Portland, Oregon 97230-1089
Telephone: 503-326-7401

[Disclaimer](#)
[Information Quality](#)
[Credits](#)
[Glossary](#)

[Privacy Policy](#)
[Freedom of Information Act](#)
[About Us](#)
[Career Opportunities](#)

Last Modified: December 8, 2005